

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-3-152

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

MERCEDES-BENZ AG

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following 1995 model-year Mercedes-Benz AG diesel-cycle engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Diesel

<u>Engine Family</u>	<u>Engine Displacement Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems and Special Features</u>
SMB6.0D6DARA	6.0 (364)	Turbocharger Charge Air Cooler Smoke Puff Limiter

Engine models and codes are listed on attachments.

The following are the certification exhaust emission standards for this engine family in grams per brake horsepower-hour:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
1.3	15.5	5.0	0.10

The following are the certification exhaust emission values for this engine family in grams per brake horsepower-hour:

<u>Engine Family</u>	<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
SMB6.0D6DARA	0.5	1.1	4.7	0.08

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this 13th day of April, 1995.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL-STANDARD ENGINES

Manufacturer Mercedes-Benz Engine Family SMB6.0D6DARA
 Displacement: 5.96 Liters / 364 Cubic Inches
 Maximum Rated Power: 190 HP @ 2300 RPM Engine Configuration: I-6
 Ignition: Compression X Compression with Glow Plug _____ Spark _____
 Fuel Type(s): Dedicated X Flex-Fuel _____ Dual-Fuel _____ Diesel X M100 _____ M85 _____
 CNG _____ LNG _____ LPG _____ Other (specify) _____
 Diesel Cert Fuel: 13 CCR 2282 _____ 40 CFR 86.1313-90 _____ 40 CFR 86.1313-94 X
 Primary Intended Service Class: LHD _____ MHD X HHD _____ Urban Bus _____
 Exhaust ECS (incl. MFI, TC, CAC): CAC, SPL, TC
 (use abbreviations per SAE J1930 SEP91)

Engine Model (Eng Code)	Rated HP @ RPM	Fuel Rate @ Rated HP mm ³ / stroke (lbs/hr)	Fuel Pump & Injector Part No.	ECM/PCM Part No.	EGR Valve Part No.	PTOX / Catalytic Converter Part No.
OM366LA (Code I)	190/2300	96...102 (73.4...78.1)	0250741202 & 0020175612 0250740902 & 0020175612	-	-	-
OM366LA (Code II)	170/2300	87...93 (66.7...71.3)	0250741102 & 0020175212 0240747902 & 0020175212	-	-	-

Date Issued:

Revisions: _____